

REMARKS

Applicant respectfully requests reconsideration of this application in view of the following remarks and the above amendments. This response is believed to fully address all issues raised in the Office Action mailed April 30, 2008. Furthermore, no new matter is believed to have been introduced hereby.

Claims 1-2, 4-5, and 7-19, 21, and 23-30 were previously pending. Claims 1, 2, 10, 19, and 28 have been amended. New claims 31-33 have been added. Accordingly, claims 1-2, 4-5, and 7-19, 21, and 23-33 remain pending in this application.

35 USC §103 Rejection of the Claims

Claims 1, 2, 4, 5, 7-19, 21, and 23-30 were rejected under 35 USC § 103(a) as being unpatentable over Viswanath et al. (U.S. Patent No. 6151322; “Viswanath” hereinafter) in view of Brukert et al. (U.S. Patent No. 4916704; “Brukert” hereinafter).

Each of these rejections is respectfully traversed since the cited art, alone or in combination, fails to teach or suggest the claimed combination of features such as set forth in any of the pending claims.

Independent Claims:

Without limiting the scope of embodiments of the invention, only in an effort to impart precision to the claims (e.g., by more particularly pointing out embodiments of the invention, rather than to avoid prior art), and merely to expedite the prosecution of the present application, Applicant has amended independent claim 1 to in part recite “checking the CRC prior to providing to the second port”.

It is respectfully submitted that the cited art, alone or in combination, fail to teach (or even suggest) checking the generated CRC (which is claimed to be inserted into the frame prior to providing to the memory) prior to providing to the second port. There is simply no such CRC checking performed or suggested by the cited art.

Hence, claim 1 is in condition for allowance.

Additionally, the Office is respectfully reminded of the requirements under MPEP 2143.03 which state that: "All words in a claim must be considered in judging the patentability of that claim against the prior art." In re Wilson, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970). Accordingly, if the Office is to issue a further rejection based on the cited art, Applicant hereby kindly request the Office to specify where such claim wording is taught by the cited art.

The remaining independent claims recite similar (though not identical) language and have been rejected for similar reasons as claim 1. Hence, these remaining independent claims should be allowable for at least similar reasons as claim 1, as well as additional or alternative elements that are recited therein but not shown in the cited prior art.

Dependent Claims:

Also, all pending dependent claims should be allowable for at least similar reasons as their respective independent claims, as well as additional or alternative elements that are recited therein but not shown in the cited prior art.

For example, new claims 31-33 recite that the claimed memory is an internal memory. Viswanath clearly teaches away from this further element (see, e.g., repeated mentioning of "external" memory which is used to store data in Viswanath abstract and elsewhere). Also, Brukert fails to cure this shortcoming. Hence, claims 31-33 are in condition for allowance for at least this further reason. Support for the language of claims 31-33 may be found in the present specification, e.g., line 7 of page 10.

Also, claim 2 has been amended to merely address antecedent basis and in its current form is believed to be allowable as it further indicates that the modifying is of the electronic data is to be performed prior to said providing to the second port.

Lastly, claim 28 has been amended to correct its dependency from claim 1.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (720-840-6740) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 50-4238.

Respectfully submitted,

CUSTOMER NUMBER: 50890

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